



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wen-Yi Kuo

Attorney Docket No. 4928-108.1 US

Serial No.: 10/705,358

Group Art Unit: 2631

Filed: November 11, 2003

Examiner: Temesghen Ghebretinsae

Title: Adaptive Channel Estimation Using Continuous Pilot Signal
Based on Doppler Period

Information Disclosure Statement

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby brings to the attention of the United States Patent and Trademark Office the following documents of which Applicant has been made aware. The documents are listed on the attached PTO Form 1449. Copies of the documents are enclosed.

Applicant submits that this Information Disclosure Statement is submitted within six months of the filing date.

It is requested that the references be considered by the Examiner and be made of record as part of the available prior art under 37 C.F.R. § 1.104.

Respectfully submitted,

David P. Krivoshik

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Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 22, 2003.

Joyce Maule
Name

Joyce Maule
Signature

Application Number: 10/705,358
Filing Date: November 11, 2003
First Named Inventor: Wen-Yi Kuo
Examiner Name: Temesghen Ghebretinsae
Group/Art Unit: 2631
Attorney Docket No.: 4928-108.1 US

Enclosed in this mailing:

1. This Certificate of First Class Mail (1 page);
2. Information Disclosure Statement Cover Sheet (1 page);
3. Form 1449 IDS (1 page);
4. Art as cited on Form 1449 (2 US Patents);
5. Acknowledgement Post Card.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/705358
Filing Date	November 11, 2003
First Named Inventor	Wen-Yi Kuo
Group Art Unit	2631
Examiner Name	Temesghen Ghebretinsae
Attorney Docket Number	4928-108.1 US

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.